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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 19, 2004 
Date Ayesha J. Shaikh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Ralph James	Attorney Docket No.:	501292.01 (30263/US)
Serial No.	: 10/813,040	Group Art Unit	: 2115
Filed	: March 29, 2004	Examiner	: Not Yet Assigned
Title	: METHOD AND SYSTEM FOR SYNCHRONIZING COMMUNICATIONS LINKS IN A HUB-BASED MEMORY SYSTEM		

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicant wishes to make known to the Patent and Trademark Office the references set forth on the attached form PTO-1449. Copies of the cited foreign patent and non-patent literature references, as required under 37 C.F.R. § 1.98(a)(2), are enclosed. Copies of the cited U.S. patents and U.S. patent application publications will not be submitted herewith in accordance with the waiver by the Office of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for U.S. national patent applications filed after June 30, 2003. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/893,709, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 15, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/822,275, describing and claiming subject matter that is similar to the subject matter of this application, was filed on April 8, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/813,040, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/857,467, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 28, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/773,583, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/625,132, describing and claiming subject matter that is similar to the subject matter of this application, was filed on July 22, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/747,984, describing and claiming subject matter that is similar to the subject matter of this application, was filed on December 29, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/747,917, describing and claiming subject matter that is similar to the subject matter of this application, was filed on December 29, 2003. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/848,606, describing and claiming subject matter that is similar to the subject matter of this application, was filed on May 17, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/773,518, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/861,163, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/812,950, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 29, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/773,520, describing and claiming subject matter that is similar to the subject matter of this application, was filed on February 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/769,079, describing and claiming subject matter that is similar to the subject matter of this application, was filed on January 30, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/797,727, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 8, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/809,839, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 24, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/819,366, describing and claiming subject matter that is similar to the subject matter of this application, was filed on April 5, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

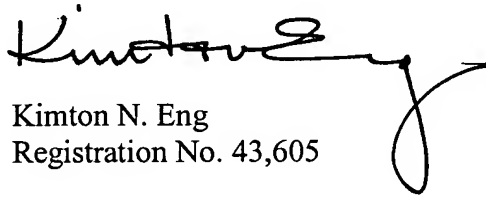
Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/861,145, describing and claiming subject matter that is similar to the subject matter of this application, was filed on June 4, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Applicant also wishes to make known to the Patent and Trademark Office that an application, Serial No. 10/810,229, describing and claiming subject matter that is similar to the subject matter of this application, was filed on March 25, 2004. This related application, as well as any prior art cited therein, may be material to the examination of this application. A copy of this related application as filed is submitted herewith in accordance with 37 C.F.R. § 1.98(d).

Please acknowledge receipt of this Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Respectfully submitted,

DORSEY & WHITNEY LLP

A handwritten signature in black ink, appearing to read "Kimton N. Eng", with a long, sweeping horizontal stroke extending to the right.

Kimton N. Eng
Registration No. 43,605

KNE:ajs

Enclosures:

Postcard
Form PTO-1449
Cited References (3)
Copies of Related Applications (19)

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Facsimile (206) 903-8820

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FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
501292.01 (30263/US)APPLICATION NO.
10/813,040

INFORMATION DISCLOSURE STATEMENT

(Use multiple sheets if necessary)

APPLICANT(S)
Ralph JamesFILING DATE
March 29, 2004GROUP ART UNIT
2115

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,045,781	08/30/77	Levy et al.	364	200	
	AB	4,707,823	11/17/87	Holdren et al.	370	1	
	AC	5,241,506	08/31/93	Motegi et al.	365	210	
	AD	5,243,703	09/07/93	Farmwald et al.	395	325	
	AE	5,319,755	06/07/94	Farmwald et al.	395	325	
	AF	5,355,391	10/11/94	Horowitz et al.	375	36	
	AG	5,432,823	07/11/95	Gasbarro et al.	375	356	
	AH	5,465,229	11/07/95	Bechtolsheim et al.	345	477	
	AI	5,479,370	12/26/95	Furuyama et al.	365	189.12	
	AJ	5,502,621	03/26/96	Schumacher et al.	361	760	
	AK	5,544,319	08/06/96	Acton et al.	395	200.07	
	AL	5,566,325	10/15/96	Bruce, II et al.	395	494	
	AM	5,581,767	12/03/96	Katsuki et al.	395	800	
	AN	5,606,717	02/25/97	Farmwald et al.	395	856	
	AO	5,638,334	06/10/97	Farmwald et al.	365	230.03	
	AP	5,729,709	03/17/98	Harness	395	405	
	AQ	5,819,304	10/06/98	Nilsen et al.	711	5	
	AR	5,822,255	10/13/98	Uchida	365	194	
	AS	5,875,454	02/23/99	Craft et al.	711	113	
	AT	5,928,343	07/27/99	Farmwald et al.	710	104	
	AU	5,973,935	10/26/99	Schoenfeld et al.	361	813	
	AV	5,973,951	10/26/99	Bechtolsheim et al.	365	52	
	AW	6,029,250	02/22/00	Keeth	713	400	
	AX	6,033,951	03/07/00	Chao	438	253	
	AY	6,061,296	05/09/00	Ternullo, Jr. et al.	365	233	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501292.01 (30263/US)	APPLICATION NO. 10/813,040
		APPLICANT(S) Ralph James	
		FILING DATE March 29, 2004	GROUP ART UNIT 2115

INFORMATION DISCLOSURE STATEMENT*(Use several sheets if necessary)***U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AZ	6,079,008	06/20/00	Clery, III	712	11	
	BA	6,125,431	09/26/00	Kobayashi	711	154	
	BB	6,175,571 B1	01/16/01	Haddock et al.	370	423	
	BC	6,185,352 B1	02/06/01	Hurley	385	114	
	BD	6,186,400 B1	02/13/01	Dvorkis et al.	235	462.45	
	BE	6,243,831 B1	06/05/01	Mustafa et al.	714	24	
	BF	6,247,107 B1	06/12/01	Christie	711	216	
	BG	6,256,692 B1	07/03/01	Yoda et al.	710	104	
	BH	6,294,937 B1	09/25/01	Crafts et al.	327	158	
	BI	6,370,068 B2	04/09/02	Rhee	365	196	
	BJ	6,392,653 B1	05/21/02	Malandain et al.	345	501	
	BK	6,401,213 B1	06/04/02	Jeddeloh	713	401	
	BL	6,430,696 B1	08/06/02	Keeth	713	503	
	BM	6,434,736 B1	08/13/02	Schaecher et al.	716	17	
	BN	6,438,668 B1	08/20/02	Esfahani et al.	711	165	
	BO	6,479,322 B2	11/12/02	Kawata et al.	438	109	
	BP	6,490,188 B2	12/03/02	Nuxoll et al.	365	63	
	BQ	6,629,220 B1	09/30/03	Dyer	711	158	
	BR	6,636,110 B1	10/21/03	Ooishi et al.	327	565	
	BS	6,646,929 B1	11/11/03	Moss et al.	365	194	
	BT	6,662,304 B2	12/09/03	Keeth et al.	713	400	
	BU	6,667,895 B2	12/23/03	Jang et al.	365	63	
	BV	6,681,292 B2	01/20/04	Creta et al.	711	119	
	BW	6,721,195 B2	04/13/04	Brunelle et al.	365	63	
	BX	6,724,685 B2	04/20/04	Braun et al.	365	233	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

FORM PTO-1449 (REV.7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 501292.01 (30263/US)	APPLICATION NO. 10/813,040
INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>		APPLICANT(S) Ralph James	
		FILING DATE March 29, 2004	GROUP ART UNIT 2115

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BY	6,735,679 B1	05/11/04	Herbst et al.	711	167	
	BZ	6,745,275 B2	06/01/04	Chang	710	305	
	CA	6,751,703 B2	06/15/04	Chilton	711	113	
	CB	6,756,661 B2	06/29/04	Tsuneda et al.	257	673	
	CC	6,771,538 B2	08/03/04	Shukuri et al.	365	185.05	
	CD	6,792,059 B2	09/14/04	Yuan et al.	375	354	
	CE	6,799,246 B1	09/28/04	Wise et al.	711	117	
	CF	6,804,764 B2	10/12/04	LaBerge et al.	711	170	
	CG	6,816,947 B1	11/09/04	Huffman	711	151	
	CH	2003/0043158 A1	03/06/03	Wasserman et al.	345	545	
	CI	2003/0093630 A1	05/15/03	Richard et al.	711	154	
	CJ	2003/0163649 A1	08/28/03	Kapur et al.	711	146	
	CK	2003/0177320 A1	09/18/03	Sah et al.	711	158	
	CL	2003/0193927 A1	10/16/03	Hronik	370	351	
	CM	2004/0022094 A1	02/05/04	Radhakrishnan et al.	365	200	
	CN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	CO	WO 93/19422	09/30/93	PCT				
	CP	EP0849685A2	06/24/98	EP				

OTHER PRIOR ART *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	CQ	"Free On-Line Dictionary of Computing" entry 'Flash Erasable Programmable Read-Only Memory, online May 17, 2004 [http://foldoc.doc.ic.ac.uk/foldoc/foldoc.cgi?flash+memory]
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EXAMINER	DATE CONSIDERED
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